FIG. 1

4

WEB SERVER

CONTROL UNIT — 4A

7 — HTTP SERVER

8 — URL MANAGEMENT MODULE

SUB STORAGE UNIT — 4B

10 — IP ADDRESS-TO-URL MAPPING DATABASE

11 — URL DATABASE

12 — HTML DATABASE

3 — INTERNET

5

HOME

1 — CLIENT

6 — WEB BROWSER

COMPANY

2 — CLIENT

6 — WEB BROWSER
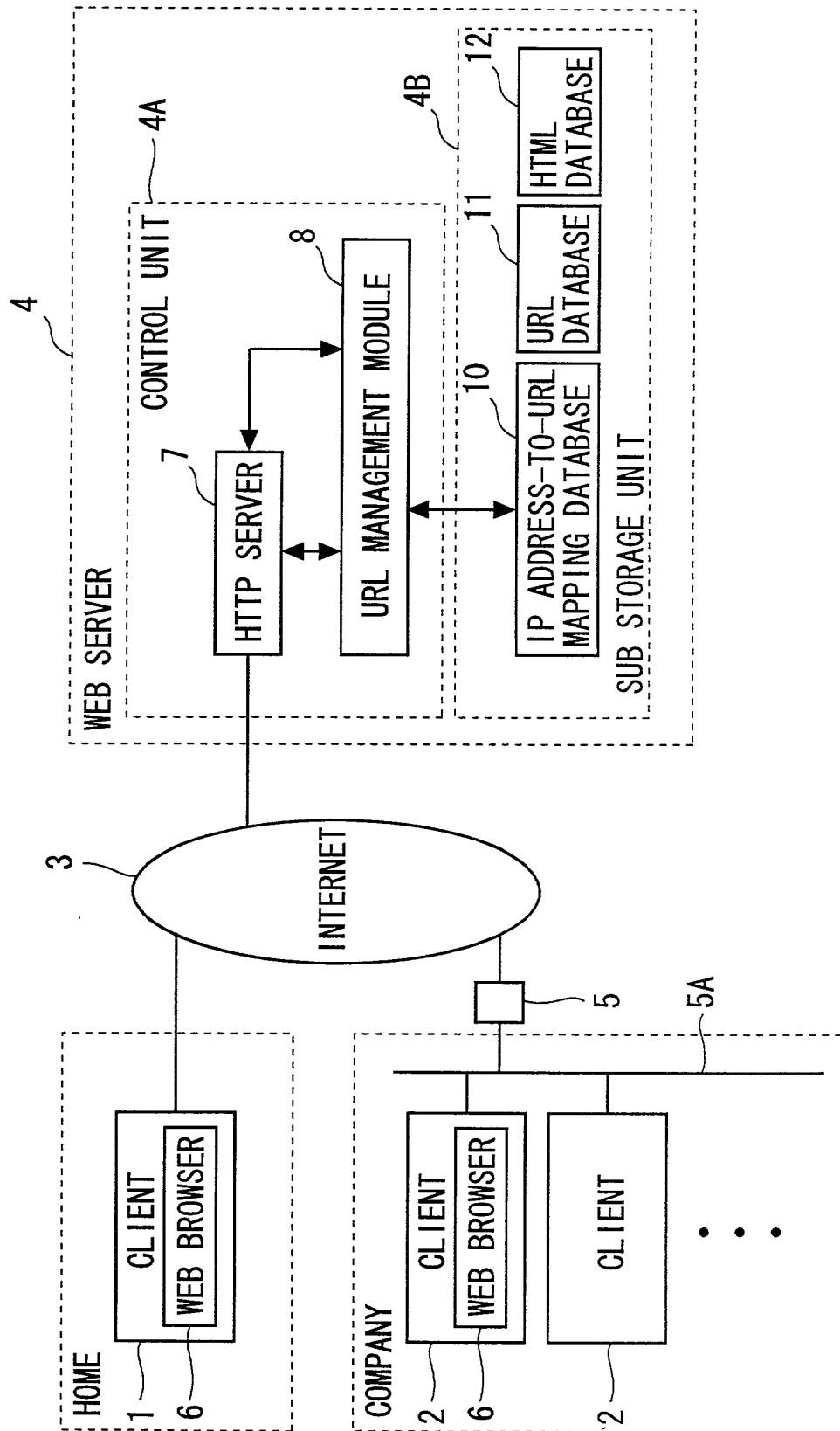
2 — CLIENT

5A

· · ·

FIG. 2

BOOKMARK MAINTENANCE		FIRST REGISTRATION PAGE

FILE(F) EDIT(E) DISPLAY(V) JUMP(G) COMMUNICATOR(C) HELP(H)

RETURN NEXT REREAD HOMEPAGE SEARCH GUIDE PRINT SECURITY SHOP STOP

BOOKMARK   SITE: http://www.homepage2.nify.com/regist1/   ▽

Instant Message NEW COMING RECOMMENDATION MEMBERS

<u>NEW REGISTRATION</u>

<u>UPDATE/DELETE</u>

URL: ⟵14

ACCESSIBLE IP ADDRESS: ⟵15

REGISTRATION ⟵16

13

DOCUMENT: COMPLETION

FIG. 3

IP ADDRESS	URL
172. 22. *. *	http://www.abc.def.fujisu.co.jp
172. 22. *. *	http://www.ghi.fujisu.co.jp/ipgl/
*. *. *. *	http://www.homepage2.nify.com/
202. 105. *. *	http://www.asu.com/rgj/yokohama/

10

FIG. 4

BOOKMARK MAINTENANCE	SECOND REGISTRATION PAGE

FILE (F) EDIT (E) DISPLAY (V) JUMP (G) COMMUNICATOR (C) HELP (H)

RETURN NEXT REREAD HOMEPAGE SEARCH GUIDE PRINT SECURITY SHOP STOP

BOOKMARK | SITE: http://www.homepage2.nify.com/regist2/ | ▽

Instant Message NEW COMING RECOMMENDATION MEMBERS

<u>NEW REGISTRATION</u>

<u>UPDATE/DELETE</u>

URL: ⌒18

TITLE: ⌒19

REGISTRATION ⌒20

⌒17

DOCUMENT: COMPLETION

FIG. 5

URL	CONTENTN (TITLE)
http://www.abc.def.fujisu.co.jp	BUSINESS SECTOR HOMEPAGE
http://www.ghi.fujisu.co.jp/ipgl/	LAW SECTOR HOMEPAGE
http://www.homepage2.nify.com/	PROVIDER INFORMATION
http://www.asu.com/rgj/yokohama/	YOKOHAMA GOURMET'S INFORMATION

11

FIG. 6

S1 — MAKE REQUEST FOR
PROVIDING LIST PAGE

PROCESS OF CLIENT

S2 — EXTRACT SOURCE
IP ADDRESS

S3 — CREATE HTML FILE
CORRESPONDING TO
IP ADDRESS

PROCESS OF SERVER

S4 — TRANSMIT HTML FILE

S5 — DISPLAY LIST PAGE
BASED ON HTML FILE

PROCESS OF CLIENT

FIG. 7

```html
<!doctype html public "-//w3c//dtd html 4.0 transitional//en">
<html>
<head>
  <meta http-equiv="Content-Type" content="text/html; charset=Shift_JIS">
  <meta name="ROBOTS" content="NOINDEX, NOFOLLOW">
  <title>BOOKMARK</title>
</head>
<body>
<dl>
<h1>
BOOKMARK</h1>
<dt>
<a href="http://www.abc.def.fujisu.co.jp">BUSINESS SECTOR HOMEPAGE</a></dt>
<dt>
<a href="http://www.ghi.fujisu.co.jp/ipgl/"> LAW SECTOR HOMEPAGE</a></dt>
<dt>
<a href="http://www.homepage2.nify.com">PROVIDER INFORMATION</a></dt>
</dl>
</body>
</html>
```
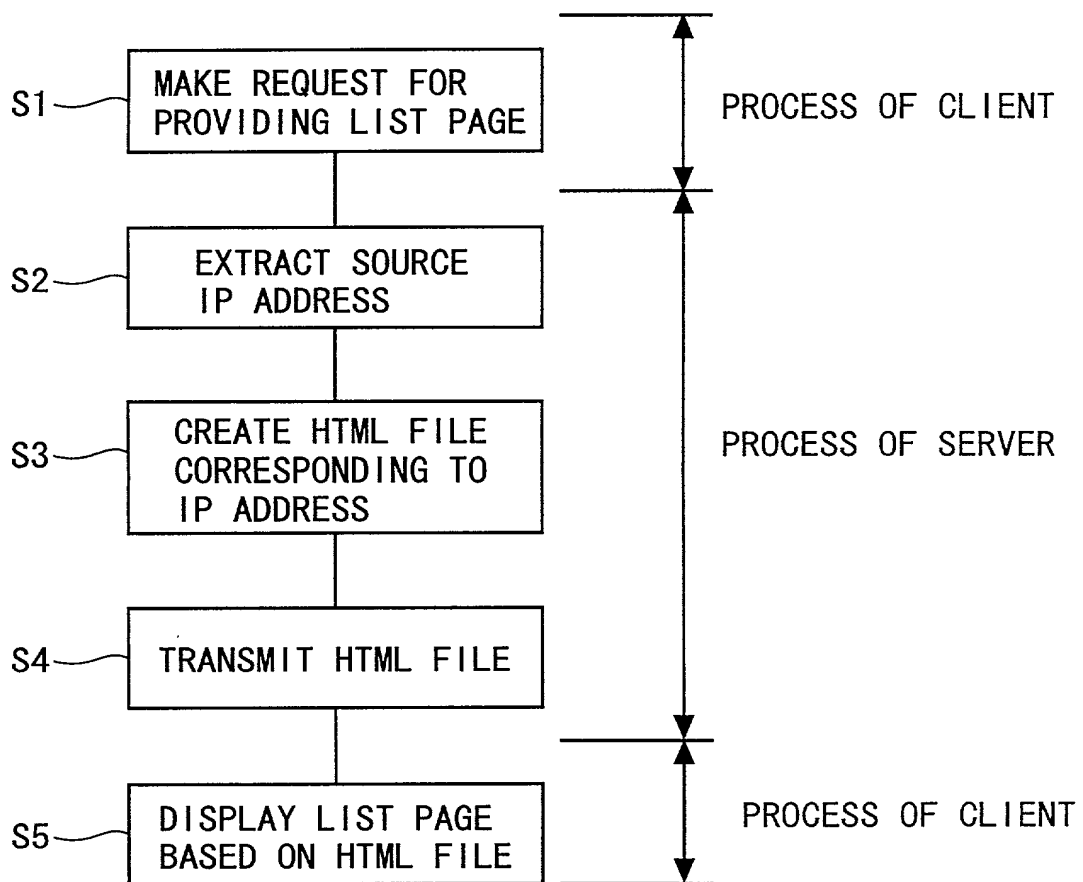
FIG. 8

	URL LIST PAGE
BOOKMARK	

FILE(F) EDIT(E) DISPLAY(V) FAVORITES(A) TOOL(T) HELP(H)

←—RETURN —→   SEARCH FAVORITES HYSTERESIS

| ADDRESS(D) | http://www.homepage2.nify.com/urllist/ | ▽ | MOVE | LINK |

URL LIST

BUSINESS SECTOR HOMEPAGE
LAW SECTOR HOMEPAGE
PROVIDER INFORMATION

21

| PAGE DISPLAYED | | | | MY COMPUTER |

FIG. 9

```
<!doctype html public "-//w3c//dtd html 4.0 transitional//en">
<html>
<head>
    <meta http-equiv="Content-Type"content="text/html; charset=Shift_JIS">
    <meta name="ROBOTS"content="NOINDEX,NOFOLLOW">
    <title>BOOKMARK</title>
</head>
<body>
<dl>
<h1>
BOOKMARK</h1>
<dt>
<a href="http://www.homepage2.nify.com">PROVIDER INFORMATION</a></dt>
<dt>
<a href="www.asu.com/rgj/yokohama/">YOKOHAMA GOURMET'S INFORMATION</a></dt>
</dl>
</body>
</html>
```

FIG. 10

BOOKMARK		URL LIST PAGE

FILE(F) EDIT(E) DISPLAY(V) FAVORITES(A) TOOL(T) HELP(H)

SEARCH FAVORITES HYSTERESIS

←RETURN→ ←→

ADDRESS(D)	http://www.homepage2.nify.com/urllist/ ▽	MOVE	LINK

URL LIST

PROVIDER INFORMATION
YOKOHAMA GOURMET'S INFORMATION

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PAGE DISPLAYED		MY COMPUTER

FIG. 11

URL	IP ADDRESS	HTML FILE
http://www.homepage2.nify.com/urllist	172. 22.**	ulrlist_0.1.html
http://www.homepage2.nify.com/urllist	202. 105.**	ulrlist_0.2.html